

What is claimed is:

- 1 1. A method of communications in a system, comprising:  
2 storing permission data relating to security for the system;  
3 receiving a request to establish a telephony call;  
4 in response to the request, establishing the telephony call;  
5 after establishing the telephony call, detecting for an indication of a type of the  
6 telephony call; and  
7 determining, based on the permission data relating to security for the system, whether  
8 the type of the telephony call is permitted.
- 1 2. The method of claim 1, further comprising detecting that the indication indicates a  
2 data call.
- 1 3. The method of claim 1, further comprising detecting that the indication indicates a  
2 voice call.
- 1 4. The method of claim 1, further comprising detecting that the indication indicates a fax  
2 call.
- 1 5. The method of claim 1, further comprising accessing the permission data, the -  
2 permission data indicating types of telephony calls that are permitted and not permitted based  
3 on security requirements of the system.
- 1 6. The method of claim 1, wherein detecting for the indication comprises a modem  
2 detecting for a tone.

1 7. The method of claim 6, wherein the modem detecting for the tone comprises the  
2 modem detecting for at least one of an FSK tone, CNG tone, fax answer tone, and a fax  
3 training tone.

1 8. The method of claim 7, further comprising indicating a voice call in response to the  
2 modem not detecting any of the FSK tone, CNG tone, fax answer tone, and fax training tone.

1 9. The method of claim 1, further comprising disconnecting the telephony call in  
2 response to determining that the telephony call is not permitted.

1 10. The method of claim 1, wherein storing the permission data comprises storing the  
2 permission data in a memory of the system, wherein the receiving, establishing, detecting and  
3 determining are performed by the system.

1 11. The method of claim 10, further comprising setting the permission data through a  
2 telephony application programming interface.

1 12. The method of claim 1, wherein the storing, receiving, establishing, detecting, and  
2 determining acts are part of a firewall feature.

1 13. A system comprising:  
2 a storage to store permission data relating to security for the system;  
3 an interface to receive a request for a telephony call; and  
4 a control element adapted to:  
5 establish the telephony call in response to the request;  
6 receive an indication of a type of the telephony call during the telephony call;  
7 and  
8 determine, based on the indication and the permission data relating to security  
9 for the system, whether the type of the telephony call is permitted.

1 14. The system of claim 13, wherein the control element is adapted to disconnect the  
2 telephony call in response to determining that the type of the telephony call is not permitted.

1 15. The system of claim 13, wherein the indication corresponds to a tone indicative of a  
2 data call, fax call, or voice call, wherein the interface comprises a modem adapted to detect  
3 the tone.

1 16. The system of claim 15, wherein the tone comprises one of an FSK tone, CNG tone,  
2 fax answer tone, and fax training tone.

1 17. The system of claim 16, wherein the control element is adapted to indicate a voice call  
2 in response to not detecting any of the FSK tone, CNG tone, fax answer tone, and fax training  
3 tone.

1 18. The system of claim 13, wherein the control element comprises software code and a  
2 processor on which the software code is executable.

1 19. The system of claim 13, wherein the control element comprises firmware and a  
2 modem on which the firmware is executable.

1 20. The system of claim 13, wherein the control element is adapted to provide a firewall  
2 task.

1 21. A modem comprising:  
2 a microcontroller to:  
3 receive a request to establish a telephony call;  
4 in response to the request, establish the telephony call;  
5 after establishing the telephony call, detect for an indication of a type of the  
6 telephony call; and  
7 determine, based on the indication and permission data relating to a target  
8 security level, whether the type of the telephony call is permitted.

1 22. The modem of claim 21, wherein detecting for the indication comprises detecting for  
2 one of an FSK tone, CNG tone, fax answer tone, and fax training tone.

1 23. The modem of claim 21, wherein the microcontroller is adapted to perform the  
2 receiving, establishing, detecting, and determining as part of a firewall task.